

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/016686

A. CLASSIFICATION OF SUBJECT MATTER  
G06F7/58

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/204541 A1 (SHACKLEFORD J. BARRY ET AL) 30 October 2003 (2003-10-30)	1,2,5-11
A	paragraphs '0006!, '0031!; figures 2B,3	3,4
Y	CATTELL K ET AL: "2-by-n hybrid cellular automata with regular configuration: theory and application"	1,2,5-11
	IEEE TRANSACTIONS ON COMPUTERS IEEE USA, vol. 48, no. 3, March 1999 (1999-03), pages 285-295, XP002351999	
	ISSN: 0018-9340	
A	cited in the application abstract	3,4
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

1 November 2005

Date of mailing of the international search report

16/12/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
 Fax: (+31-70) 340-3016

Authorized officer

Cohen, B

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SHENG-UEI GUAN ET AL: "An evolutionary approach to the design of controllable cellular automata structure for random number generation"</p> <p>IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION IEEE USA, vol. 7, no. 1, February 2003 (2003-02), pages 23-36, XP002352000 ISSN: 1089-778X cited in the application paragraph 'OIII!</p> <p>-----</p>	3,4

### Information on patent family members

PCT/JP2005/016686

Form PCT/ISA/210 (patent family annex) (January 2004)